Docket No: MS1-1807US 1 of 5 Bishop, et al. Inventors: lee@hayes Title: Emulated Memory Management - 100 Figure 1 108 -- 104 106 "Diagnostic" **COMMUNICATIONS NETWORK** 138 PROCESSING UNIT 110 NETWORK INTERFACE 112 MEMORY <u>114</u> Data File 116 O/S 124 U. I. 118 EMULATOR APP(S) 126 Table <u>120</u> MEMORY MGR 134 Pointer(i): Adrs <u>136</u> Entry (j): ADRS + ID 122

140

Active App(s) 130 EMULATED MEMORY 132 CONTIGUOUS PORTIONS (n): ADRS 140 POINTER(i): ADRS + ID $\underline{138}$

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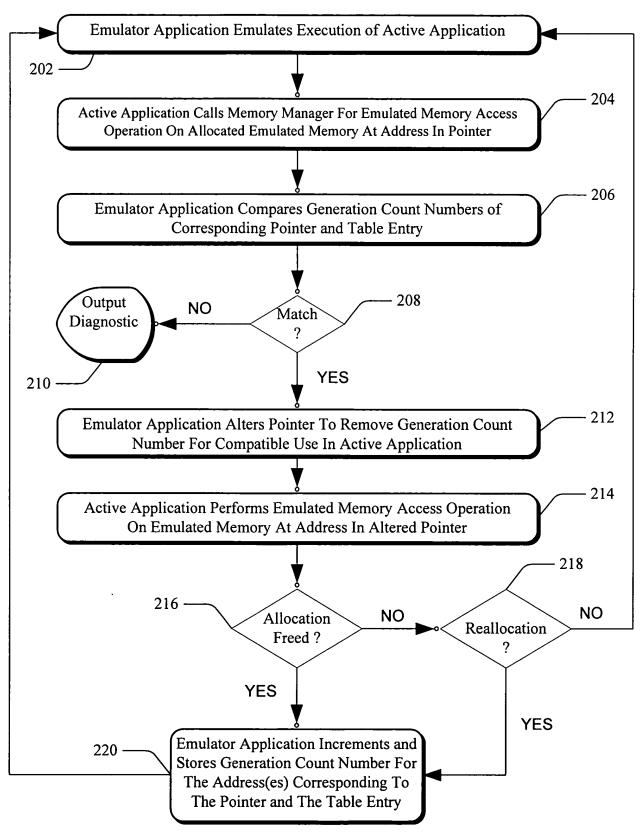
Inventors: Bishop, et al.

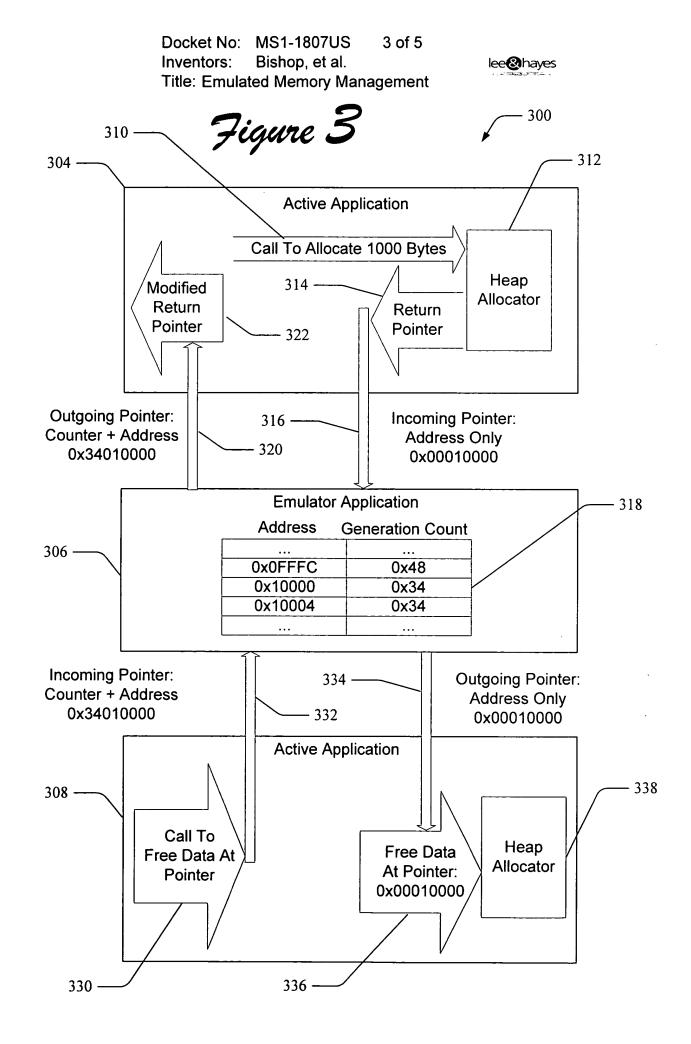
Title: Emulated Memory Management





Figure 2





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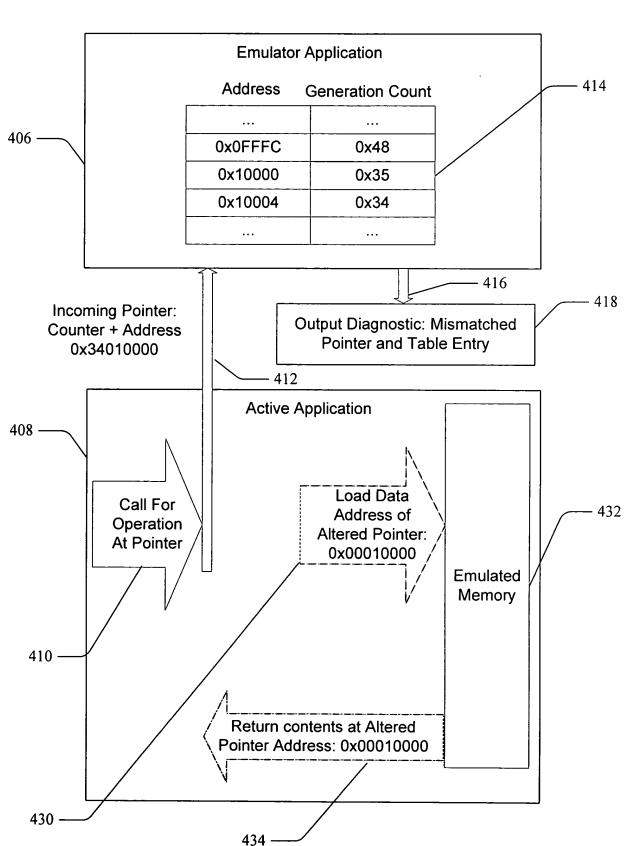
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Title: Emulated Memory Management



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Figure 4



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SYSTEM

584

Figure 5

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542

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ZYSTEM MEMORY (ROM)

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